Reg. Design No. 48386

DURDEN B1200 BANDSAW

OPERATING INSTRUCTIONS AND PARTS LIST

The batch number of your bandsaw and the cutting blade length (79¾") are stamped on the metal plate which is attached to the main frame casting. Always mention this batch number when communicating with us regarding your bandsaw or when ordering parts.

HOW TO ORDER REPAIR PARTS

When ordering repair parts, always give the following information as shown in this list.

1. THE PART NUMBER.
2. THE PART NAME.
3. THE BATCH NUMBER: B.S.X. ....
4. THE NAME OF ITEM: BANDSAW

This company is pleased to acknowledge the fact that you have placed your full confidence in one of our ever expanding range of **DURDEN WOOD-WORKING MACHINES.**

As the owner of a **DURDEN B1200 BANDSAW,** you will be interested to know that you have purchased a unit that has been developed to meet the needs of the hobbyist and professional craftsman, and many of the features incorporated in the B1200 are the direct result of suggestions made by owners over the years.

Should you have any suggestions which you feel would improve our unit in any way, we would be very pleased to hear about them.

Wishing you many years of faithful service with your **DURDEN B1200 BANDSAW.**

With kindest regards,
DURDEN MACHINERY CO
3-5 Provident Avenue,
GLYNDE, SOUTH AUSTRALIA 5070

FOR YOUR OWN INTEREST AND PROTECTION, READ THIS BOOKLET THOROUGHLY.
REMOVE GUARANTEE REGISTRATION FROM BOOKLET, FILL IN, AND POST WITHIN 7 DAYS.

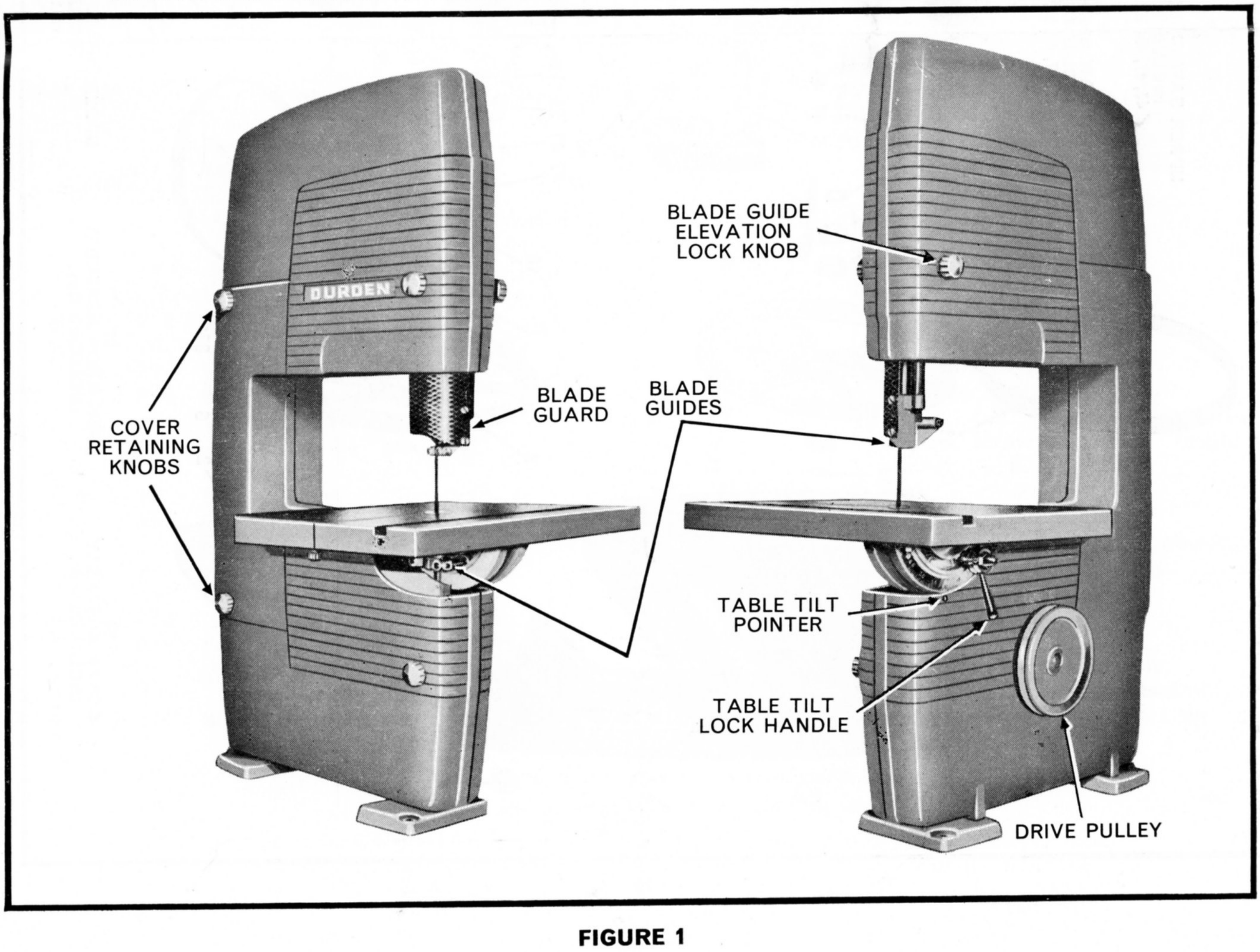

FIGURE 1

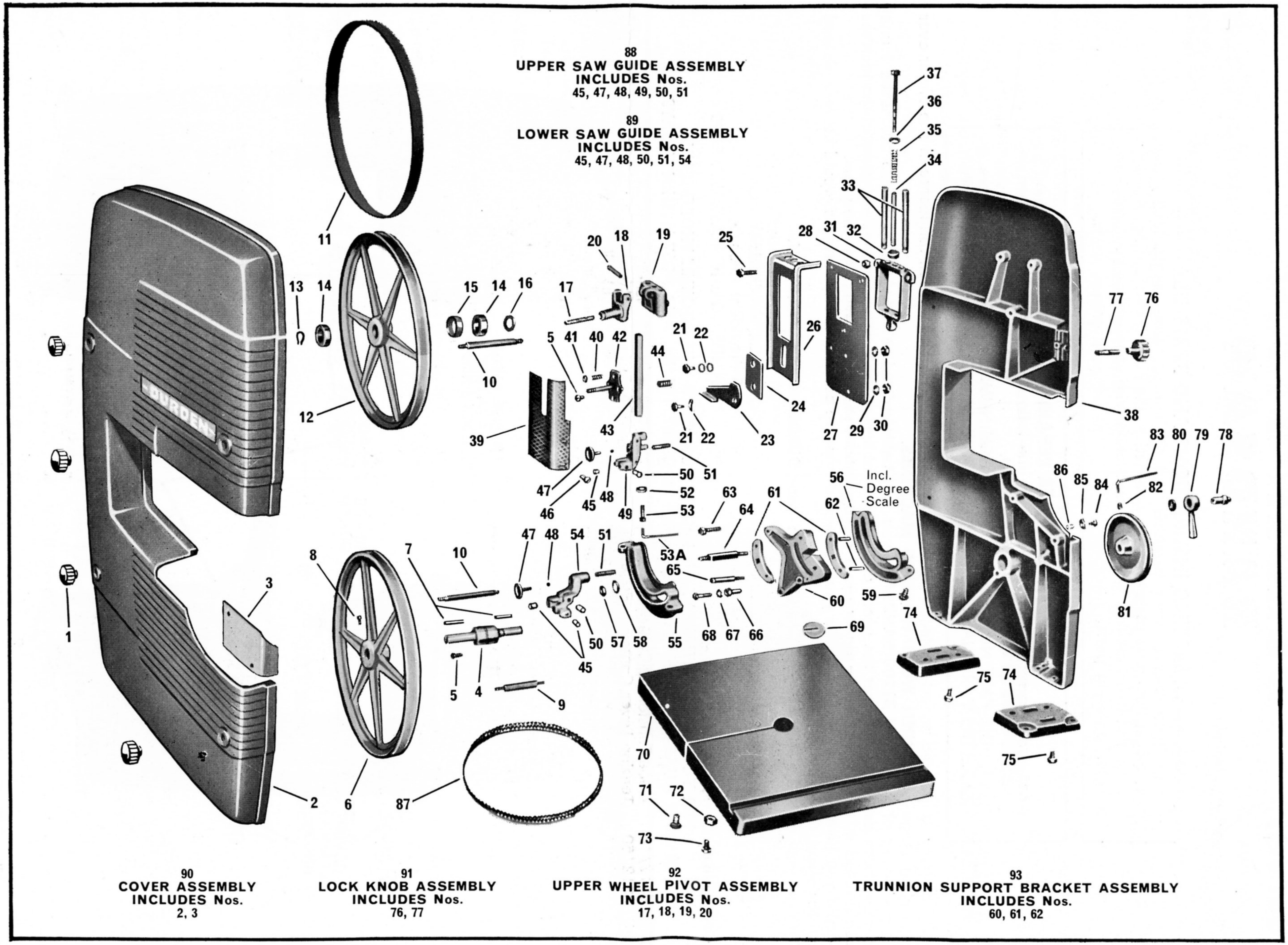
UPPER SAW GUIDE ASSEMBLY
INCLUDES Nos.
45, 47, 48, 49, 50, 51
LOWER SAW GUIDE ASSEMBLY
INCLUDES Nos.
45, 47, 48, 50, 51, 54
COVER ASSEMBLY
INCLUDES Nos.
2, 3
LOCK KNOB ASSEMBLY
INCLUDES Nos.
76, 77
UPPER WHEEL PIVOT ASSEMBLY
INCLUDES Nos.
17, 18, 19, 20
TRUNNION SUPPORT BRACKET ASSEMBLY
INCLUDES Nos.
60, 61, 62
DURDEN
Incl.
Degree
Scale

FIGURE 2

PARTS LIST (Fig. 2)

Do not use Key Numbers when ordering Repair Parts, always use Part Numbers and Part Names.

KEY No.	PART No.	PART NAME
1	BS12/24	Cover Knob (4 off).
2	BS12/2	Cover.
3	BS12/51	Cover Flap.
4	BS12/49	Lower Wheel Bearing.
5	*	$\frac{1}{4}$" Whit. x $\frac{3}{8}$" } Bright Zinc. $\frac{1}{4}$" Whit. x $\frac{5}{8}$" (2 off) } Gutter Bolts.
6	BS12/4	Lower Wheel.
7	BS12/47	Key, $\frac{3}{16}$" Square (2 off).
8	*	$\frac{5}{16}$" whit. x $\frac{5}{8}$" Square head hardened set screw.
9	BS12/37	Cover Stud—short.
10	BS12/36	Cover Stud—long (2 off).
11	BS12/P/1	Tyre (2 off).
12	BS12/5	Upper Wheel.
13	*	$\frac{5}{8}$" External Circlip (Seeger).
14	**	Ballrace 1$\frac{3}{8}$" O.D. x $\frac{5}{8}$" bore x $\frac{3}{8}$" wide (sealed) (2 off) H.I.C. bearing EE5/ZZ.
15	BS12/32	Upper Wheel Bearing Spacer.
16	*	$\frac{5}{8}$" Wave washer (No. 775/9/26).
17	BS12/40	Blade Tracking Adjustment screw.
18	BS12/14	Upper Wheel Pivot Casting.
19	BS12/13	Upper Wheel Slide Casting.
20	*	$\frac{5}{16}$" x 1$\frac{1}{2}$" Sel-lok Spring Pin.
21	BS12/31	Shoulder Bolt (2 off).
22	*	$\frac{1}{2}$" Wave Washer (No. NCO/8779/17/4) (3 off).
23	BS12/16	Blade Tensioning Lever.
24	BS12/50	Tension Lever Container Plate.
25	*	$\frac{5}{16}$" whit. x 1$\frac{1}{4}$" hex. set screw with internal tooth lock washer (3 off).
26	BS12/18	Tensioner Slide Plate.
27	BS12/17	Tensioner Support Plate.
28	BS12/30	Support Plate Spacer (3 off).
29	*	$\frac{5}{16}$" Internal Tooth Lock Washer (2 off).
30	*	$\frac{5}{16}$" whit. hex. nut (2 off).
31	BS12/12	Upper Wheel Support Bracket.
32	BS12/P/2	Buffer (Rubber).
33	BS12/28	Upper Wheel Slide Rod (2 off).
34	BS12/29	Upper Wheel Tension Spacer.
35	BS12/P/3	Blade Tensioner Spring.
36	*	$\frac{5}{16}$" Bright Washer.
37	*	$\frac{5}{16}$" whit. x 5$\frac{1}{2}$" hex. bolt.
38	BS12/1	Frame.
39	BS12/19	Blade Guard.
40	BS12/45	Guide Bar Adjustment Screw.
41	*	$\frac{1}{4}$" whit. hex. nut.
42	BS12/21	Guide Bar Container Plate.
43	BS12/34	Guide Bar.
44	BS12/P/4	Guide Bar Container Spring.
45	BS12/P/5	Saw Guide Pin Lock Screw (5 off).
46	*	$\frac{3}{16}$" whit. x $\frac{3}{8}$" Bright Zinc Gutter Bolt (2 off).
47	BS12/41	Blade Thrust Roller (2 off).
48	*	7/32" Ball Bearing (2 off).
49	BS12/11	Upper Saw Guide Holder.
50	BS12/42	Saw Guide Pin (4 off).
51	BS12/43	Thrust Roller Bearing Bush (2 off).
52	*	$\frac{1}{4}$" x $\frac{5}{8}$" O.D. Bright Washer.
53	*	$\frac{1}{4}$" whit. x 1" Socket Head Cap Screw.
53A	*	$\frac{3}{16}$" Hex. Key.
54	BS12/10	Lower Saw Guide Holder.
55	BS12/7	Trunnion.
56	BS12/7	Trunnion (including graduated strip).
57	*	$\frac{3}{8}$" N.F. Hex. Nut.
58	*	$\frac{3}{8}$" Bright Washer.
59	*	$\frac{5}{16}$" whit. x $\frac{3}{4}$" Hex. Set Screw with internal tooth lock washer (4 off).
60	BS12/6	Trunnion Support Bracket.
61	BS12/9	Trunnion Bearing (2 off).
62	BS12/33	Trunnion Bearing Rivet (2 off).
63	*	$\frac{5}{16}$" whit. x 1$\frac{1}{4}$" Hex. Set Screw with internal tooth lock washer (2 off).
64	BS12/35	Trunnion Lock Screw.
65	BS12/39	Lower Guide Holder Stud.
66	BS12/44	Table Levelling Screw.
67	*	$\frac{5}{16}$" Bright Washer.
68	*	$\frac{5}{16}$" Whit. x 1$\frac{3}{4}$" Hex. Set Screw.
69	BS12/20	Insert.
70	BS12/3	Table.
71	BS12/38	Table Slot Screw.
72	*	$\frac{5}{16}$" Whit. Hex. Nut.
73	*	$\frac{5}{16}$" whit. x 1$\frac{1}{4}$" Hex. Set Screw.
74	BS12/8	Foot (2 off).
75	*	$\frac{5}{16}$" whit. x 1" Hex. Set Screw with bright washer (6 off).
76	BS12/25	Lock Knob.
77	BS12/26	Lock Knob Stud.
78	BS12/27	Trunnion Lock Nut.
79	BS12/15	Table Lock Handle.
80	*	$\frac{3}{8}$" Bright Washer.
81	BS12/48	Drive Pulley.
82	*	$\frac{5}{16}$" whit. hex. Grub Screw.
83	*	5/32" Hex. Key.
84	*	$\frac{3}{16}$" whit. x 1" Round Head Metal Thread Screw with $\frac{3}{16}$" bright washer.
85	BS12/23	Pointer.
86	BS12/46	Pointer Spacer.
87	**	Blade $\frac{1}{4}$" x 79$\frac{3}{4}$" long (25 gauge).
88	BS12/Z/1	Upper Saw Guide Assembly.
89	BS12/Z/2	Lower Saw Guide Assembly.
90	BS12/Z/3	Cover Assembly.
91	BS12/Z/4	Lock Knob Assembly.
92	BS12/Z/5	Upper Wheel Pivot Assembly.
93	BS12/Z/6	Trunnion Support Bracket Assembly.
	BS12/P/6	Instruction Sheet and Parts List.
	BS12/19A	Lower Blade Guard.

***Standard Hardware Items — may be purchased locally.**

****Items can be purchased from all leading stores.**

This sheet is intended for instruction and repair parts only and is not a packing slip. The parts shown and listed may include accessories not necessarily part of the Bandsaw.

After removing from carton:

To prevent damage in transit, some of the parts were dismantled from the Bandsaw. These parts are listed below. Be sure they are all accounted for before discarding any of the packing material.

1. Saw Blade, No. 87, Fig. 2—See Page 2.
2. Table Assembly consisting of Nos. 55, 56, 57, 58, 59, 64, 65, 66, 67, 69, 70, 72, 73, 78, 79, 80, 84, 85, 86, and assembly Nos. 89 and 93.
3. Bag of miscellaneous small parts consisting of items Nos. 53A, 63, 68, 71, 83.

Assembly:

Remove the **4 cover retaining knobs** and slide the cover off studs, see Fig. 1.

Important

If you have purchased the motorisation kit for the DURDEN B1200 Bandsaw, refer to: MOTORISATION OF BANDSAW, before proceeding further.

Important

Place the **2 mounting bolts** No. 63 (1¼" x 5/16") with 5/16" internal tooth lock washers in the two top fixing holes of the **trunnion support bracket** No. 60. Release the **table tilt lock handle** see Fig. 1 and swivel the table assembly so as to bring the 90° stop screw in contact with the **trunnion support bracket,** tension **table tilt lock handle.**

Next mount the **table** and **trunnion support bracket assembly** to the frame. Leave the two **mounting bolts** loose enough to allow the entire assembly to be shifted.

Place the third **mounting bolt** (1¾" x 5/16" whit.) through the **levelling screw** in the bottom of the **trunnion support bracket** and screw loosely into the frame.

Remove the **blade guard,** see Fig. 1, and install the **saw blade** with teeth pointing **down** and **away** from the saw blade guides. Apply tension to the blade to take up the slack. Refer to paragraph under tracking.

With an accurate square resting on the table surface, see Fig. 3, square the table and support bracket assembly with the saw blade, lightly tension the top two mounting bolts to maintain this square setting.

The **levelling screw,** see Fig. 3, is provided for squaring the table to the back of the saw blade. If adjustment is necessary, rotate **levelling screw** No. 66 **in** or **out** until the table is square with back edge of blade.

Tighten mounting bolt No. 68.

Finish tightening the two mounting bolts No. 63.

Place the **knurled screw** No. 71 in the table saw slot and refit the blade guard.

Before replacing the cover, check the blade for "Tension and Tracking" as explained under "Adjustments".

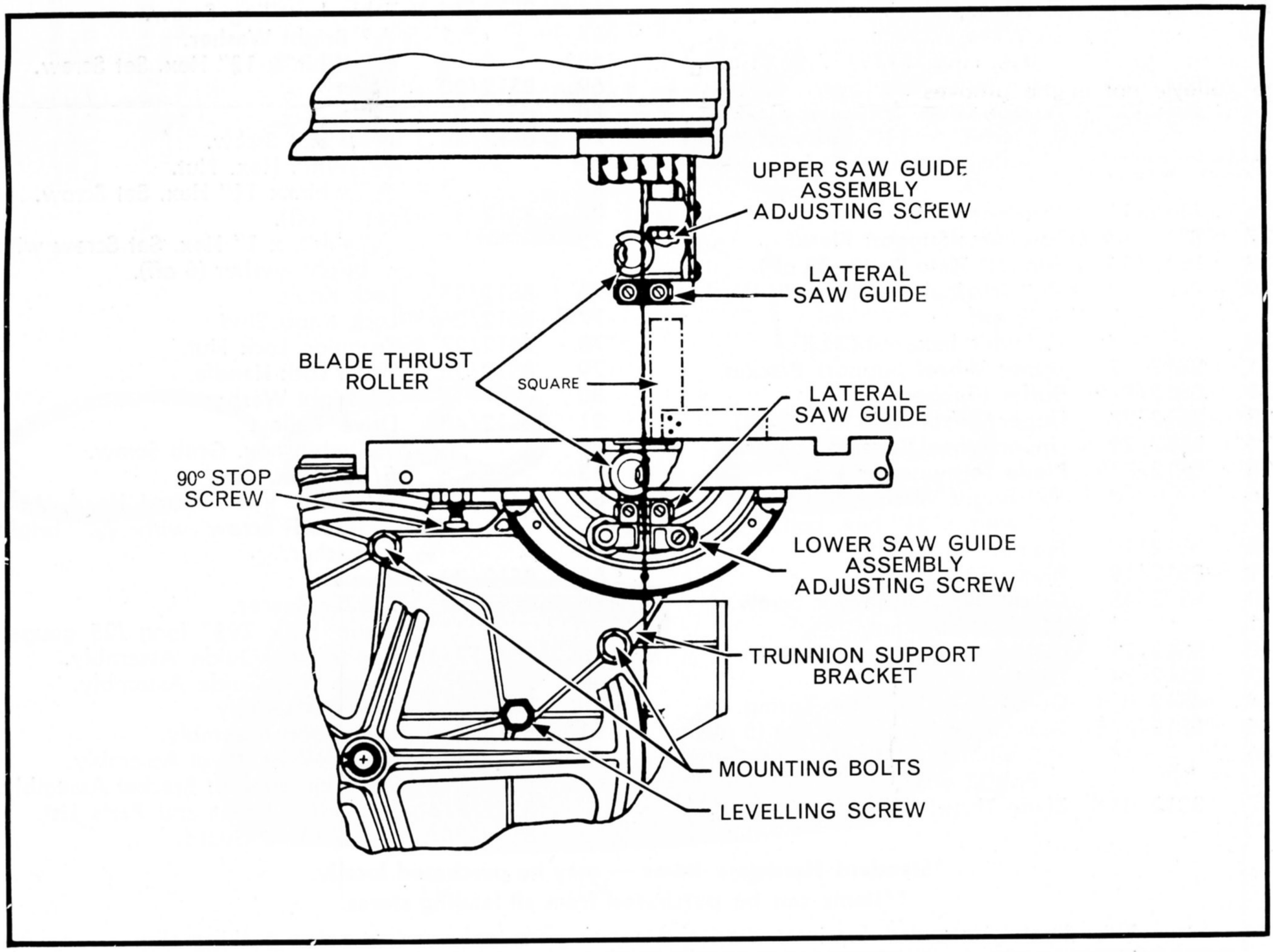

FIGURE 3

Installation:

(If Motorising Bandsaw using other than genuine "DURDEN" Parts).
Four holes have been provided to secure your bandsaw to a floor stand or bench. There are two holes in the front and rear feet easily accessible without removing the cover.
The motor may be installed behind or below bandsaw.

Motor

A $\frac{1}{3}$ or $\frac{1}{2}$ horsepower 1440 r.p.m. motor is recommended for general usage.
Install the motor so that the direction of rotation of the drive pulley, see Fig. 1, is anti-clockwise when viewed from drive pulley side of the machine.

Speed

The above motor equipped with a $2\frac{1}{2}''$ outside diameter "A" Section vee pulley will give an arbor speed of approximately 650 r.p.m. This is recommended for general use with wood and similar materials.
When purchasing the motor pulley, be sure to specify the shaft diameter of your motor and that the pulley is for an "A" section "V" belt.

Belt

The drive pulley is designed for use with a standard "A" section "V" belt. The length of this belt may be determined after the motor position has been selected by measuring with a steel tape around the outside of the pulleys, not in the grooves.

Lubrication:

A special double row ballbearing built into the drive shaft and the two single row ball bearings in the upper wheel have been packed with lubricant and sealed at the factory. They require no further attention.
The **blade thrust rollers** as shown in Fig. 3, should be lubricated occasionally with a smear of light oil (sewing machine oil or similar). Other moving or sliding parts such as the **guide bar** No. 43, the **upper wheel Slide Rods** No. 33), the **tensioning Lever** No. 23, and **table trunnions** Nos. 55 and 56 may require occasional lubrication to maintain smooth operation.
Use ESSO MULTI-PURPOSE GREASE E.P. or similar.

Controls:

The **table tilt lock handle,** see Fig. 1, locks the table in any position from 90° to 45° with the saw blade.
The **table tilt pointer,** see Fig. 1, indicates the table angle on the calibrated trunnion scale.
The **blade guides,** see Fig. 3, back up the blade for both lateral and direct thrust.
The **blade guide elevation lock knob,** see Fig. 1, controls the upper guide assembly in relation to table surface for various work piece thicknesses.
The **blade alignment screw** No. 17 Fig. 2 provides a means of tilting the upper wheel for correct saw blade tracking.
The **blade tensioning lever** No. 23, provides a quick and easy means of changing saw blades. Pull the tensioning lever **down** to **release** the upper wheel and loosen saw blade. Push tensioning lever **up** to reposition wheel and **tighten** the saw blade .

Adjustments:

Check the following points to ensure proper operation:

Tension

Proper tension for all recommended blades is built in, requiring no further attention.

Tracking

To alter the position of the blade in relation to the sides of the wheels use a screw driver to revolve the blade alignment screw, No. 17 Fig. 2.
Clockwise or anti-clockwise rotation of this screw will give correct blade tracking, i.e., with the blade running in the centre of the upper wheel.
If interchanging to different width blades, it will, of course, be necessary to re-adjust the blade position by means of the blade alignment screw as described above.

When carrying out blade tracking always revolve bandsaw wheels by hand, never under motor power.

Guides

Saw guide assemblies are provided both above and below the table to support the blade against lateral and direct thrust.
The **upper saw guide assembly,** see Fig. 5, must operate so that the distance from the back of the saw blade to the thrust roller remains the same throughout the entire **up** and **down** movement of the assembly. If adjustment is necessary, remove the cover and turn the **upper saw guide bar adjusting screw,** see Fig. 5, either **in** or **out** as required. When adjustment is completed, tighten the **adjusting screw lock nut,** see Fig. 5, to maintain adjustment.

(Continued on Page 8)

Guarantee

urden Machinery Co. manufacturers of "Durden" achine Tools, hereby guarantee to the purchaser of ach "Durden" machine (particulars of which are conained in the attached guarantee registration form) hat such machine when delivered was precisionngineered from the finest materials available and was horoughly inspected and tested before leaving the actory.

f, within twelve months following the date of delivery, he machine is proved to have been defective, by eason of faulty materials or workmanship, Durden achinery Co. will repair or replace the faulty part or arts of the machine free of charge.

his guarantee is strictly subject to the following onditions:

CONDITIONS

. This guarantee becomes void if the purchaser negects within 7 days after receipt of the machine to comlete the attached guarantee registration form in every articular, including the personal signature of the urchaser and return the form to Durden Machinery o., Provident Avenue, Glynde, South Australia, 5070.

. The part or parts of the machine considered to be defective shall be returned to Durden Machinery Co. not later than fifteen days after being so found and within the guarantee period and **with postage or carriage paid** by the purchaser.
A brief written description of the complaint, together with the purchaser's name and address and date of purchase and bearing the personal signature of the purchaser shall accompany the parts.

. This guarantee is not transferable and only relates to the original purchaser whose name and signature appear on the guarantee registration form and is effective only during the stated twelve months period and lapses if the purchaser parts with the possession or ownership of the machine during that period. Durden Machinery Co. will accept no responsibility whatsoever under this guarantee or otherwise, if the machine is not used strictly in accordance with the instructions supplied, or if the fault can reasonably be explained by carelessness, negligence, or lack of lubrication and maintenance on the part of the user. Any service repairs or replacements deemed necessary and effected by the Company in every case shall be payable by the purchaser.

. If the machine or any part or parts thereof is returned to the Company in accordance with the terms of this guarantee and within the guarantee period, the purchaser will be responsible to pay **all transport and packing costs both on the return** of the same to Durden Machinery Co. and on **the subsequent return** to the purchaser.

. Liability is expressly excluded in the case of accident to, misuse or neglect of, or tampering with, or unauthorised manipulation of the machine after delivery and the onus of negativing the same shall rest with the purchaser.

6. Durden Machinery Co. will not, in any case, be liable to pay compensation for any loss or damage sustained either directly or indirectly by the purchaser, or any other person, consequential upon the use of the machine or otherwise howsoever arising.
7. This guarantee applies to the use of "Durden" machine tools in the Commonwealth of Australia only.
8. The laws in force in South Australia should apply to this agreement.

8A. Any proceedings in respect of any cause of action arising hereunder shall at the option of Durden Machinery Co. be instituted, heard and determined by a court of competent jurisdiction in Adelaide, and such court shall possess territorial jurisdiction to hear and determine such proceedings.

GENERAL REMARKS

A little care means years of trouble-free use. Every "Durden" machine is thoroughly inspected and tested before leaving the factory, and with a little care it will give many years of invaluable and trouble-free service. It is most important, however, that before using the machine, the owner should carefully study the instructions supplied with each machine and examine the machine so as to become fully acquainted with its various parts and the manner in which it functions.

№ 2911

NOTES

Adjust the saw guide assemblies so that the **lateral saw guides,** see Fig. 3, when adjusted, will contact the blade on the solid portions only, not on the teeth or valleys between the teeth. To do this, loosen the **saw guide assembly adjusting screws,** see Fig. 3, and move the saw guide assemblies **forward** or **backward** as necessary. Lock the saw guide assemblies in position. The **lateral saw guides** must be set as close as possible to the blade without binding it at any point or deflecting it sideways. Lock the screws securing the lateral saw guides.

The **blade thrust rollers** as shown in Fig. 3, should be set the thickness of a piece of newspaper, see Fig. 5, from the back edge of the blade. Using a screw driver, turn the **bearing holder,** see Fig. 5, **in** or **out** until the roller is in the correct position. The blade should touch these rollers only when cutting, not when saw is running free.

The above adjustments should result in a free-running saw blade when no cutting is being done.

The table should be square with the blade and at the same time, the pointer indicates zero on the scale. If correction is necessary, it may be done with an accurate square resting on the table surface and against saw blade. Adjust the **90° stop screw,** see Fig. 3, until correction has been made.

The **table tilt pointer** as shown in Fig. 1, may now be readjusted to the zero mark on the scale by loosening the screw which holds the pointer to the bandsaw. After making adjustments on the bandsaw, check carefully by turning the mechanism by hand several revolutions before applying power.

Note

After a few hours of operation, check tightness of lower wheel and drive pulley locking screws.

Blade

Following are several common causes of bandsaw blade breakage. Avoid these situations by frequently checking adjustments and by exercising care in operation and you will be rewarded by an increased life and service from your blade.

Failure to bring the upper guide assembly down close to the work allows distortion of the blade which encourages breakage.

Excessive feed pressure will result in the blade riding hard on the thrust rollers, inducing cracking and eventual breakage. A dull blade, or one that has been improperly set or sharpened, will require much greater feed pressure than a good, sharp, properly set blade.

If the lateral guides are set too close to the blade and rubbing constantly, or causing blade deflection, the blade life and service are definitely shortened.

Both of the guides and the blade will be damaged if the guides touch the teeth rather than the smooth sides of the blade.

A poor weld where the blade ends are joined, or a weld that is improperly dressed, leaving a bump, is often the cause of short blade life. If the blade is allowed to rust, either on the machine or in storage, pitting caused by rust may be severe enough to cause breakage. Oil all blades before storing—wipe oil off before installing on bandsaw.

In 90% of cases where **"Blade Wander"** occurs, you will find that the saw blade has either been set incorrectly in manufacture or the teeth have become blunt on one side of the blade.

Finally, one of the most common causes of blade difficulty is the practice of cutting too sharp a curve or turning the work piece too fast when cutting a radius, thus binding or twisting the blade. Following is a table showing the approximate minimum diameters that can be cut with various width blades.

BLADE WIDTH INCHES	MINIMUM DIAMETER INCHES
$\frac{1}{8}$	$\frac{1}{2}$
$\frac{1}{4}$	2
$\frac{3}{8}$	3
$\frac{1}{2}$	5

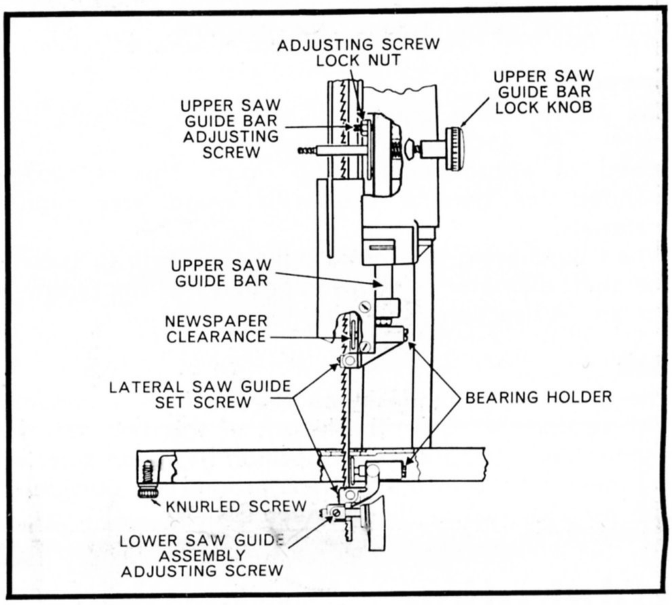
ADJUSTING SCREW LOCK NUT
UPPER SAW GUIDE BAR LOCK KNOB
UPPER SAW GUIDE BAR ADJUSTING SCREW
UPPER SAW GUIDE BAR
NEWSPAPER CLEARANCE
LATERAL SAW GUIDE SET SCREW
BEARING HOLDER
KNURLED SCREW
LOWER SAW GUIDE ASSEMBLY ADJUSTING SCREW

FIGURE 5

Operation:

Hold the work piece firmly against the table surface during cutting operations.

Do not force the work against the blade beyond its cutting capacity, as this will make the following of the pattern extremely difficult.

Safety:

Always set the upper blade guide and guard as close to the work as possible to keep blade breakage to a minimum and to protect the operator. Always stop the machine before moving the blade guide.

Accessories:

There are available for this machine a Rip Fence, Cat. No. BS12/Z/10, and a fully graduated Mitre Quadrant, Cat. No. BS12/Z/9, either of which can be ordered through all leading stores.

Care of Paintwork:

Your B1200 Bandsaw is finished with a non-reflective black matt enamel and it should only be necsessary to lightly dust the surface with a clean rag. Oil or grease on the surface will show as shiny areas and these are best removed with luke warm water and detergent. Do not rub them with a dry rag as this will only increase the size of the affected area.

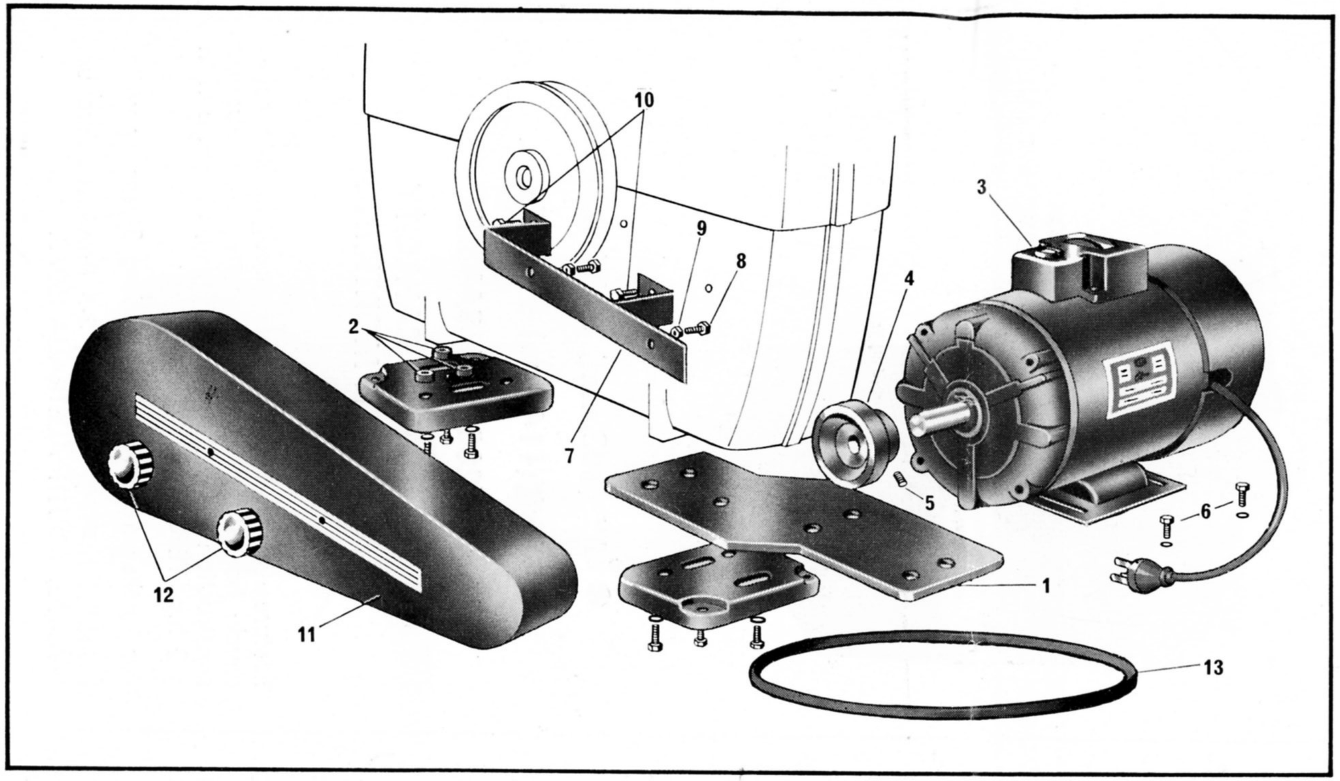

FIGURE 6

MOTORISATION OF BANDSAW (Fig. 6)

Use Cat. No. BS12/Z/7 for all items shown except the electric motor, this item should be ordered separately.

Do not use key numbers when ordering repair parts—always use part number and part names.

Key No.	Part No.	Part Name
1	BS12/53	Motor Bracket.
2	BS12/52	Foot Spacer (3 off).
3		$\frac{1}{2}$ H.P. Electric Motor with on/off switch, 240v., 1440 r.p.m. totally enclosed.
4	BS12/54	Motor Pulley.
5	*	$\frac{5}{16}$" Whit. Hex. Grub Screw.
6	*	$\frac{5}{16}$" Whit x $\frac{1}{2}$" Hex. Set Screw with bright washer (4 off).
7	BS12/55	Belt Guard Bracket.
8	*	1" x $\frac{1}{4}$" Whit. Hex. Set Screw (2 off).
9	*	$\frac{1}{4}$" Whit. Hex. Nut (2 off).
10	*	$\frac{1}{2}$" x $\frac{5}{16}$" Whit. Hex. Set Screw with bright washer (2 off).
11	BS12/56	Belt Guard.
12	BS12/58	Belt Guard Knob (2 off).
13	**	A.38 Vee Belt.

CABINET STAND Cat. No. BS12/Z/8 (Fig. 7)

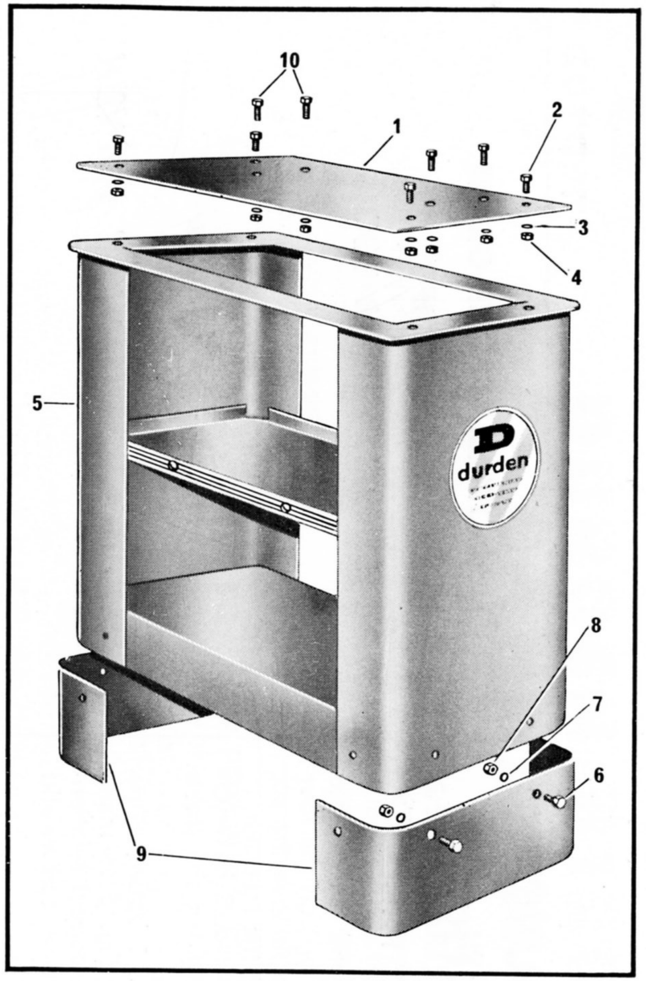

FIGURE 7

Key No.	Part No.	Part Name
1	BS12/59	Base.
2	*	$\frac{5}{16}$" Whit. x $\frac{1}{2}$" bright zinc gutter bolt (4 off).
3	*	$\frac{5}{16}$" Bright Washer (4 off).
4	*	$\frac{5}{16}$" Whit. Hex. Nut (4 off).
5	BS12/60	Cabinet Stand.
6	*	$\frac{3}{16}$" Whit. x $\frac{3}{8}$" bright zinc gutter bolt (8 off).
7	*	$\frac{3}{16}$" Bright Washer (8 off).
8	*	$\frac{3}{16}$" Flat Hex. Nut (8 off).
9	BS12/61	Stand Legs (2 off).
10	*	$\frac{5}{16}$" Whit. x 1" Hex. Set Screw with Hex. Nut and Washer (4 off).

* **Standard Hardware Items—may be purchased locally.**

** **Items can be purchased from all leading stores.**

This sheet is intended for instruction and repair parts only and is not a packing slip.
The parts shown and listed may include accessories not necessarily part of the bandsaw.

Motorisation of "DURDEN" B1200 Bandshaw (Fig. 6)

Using Genuine "DURDEN" Parts

After removing **cover retaining knobs** and **cover,** place the unit down on a flat surface, resting it on the four studs Nos. 9, 10, 42. Then loosen and remove the six hexagon set screws holding the feet to the machine.

1. Insert the three **front foot spacers** No. 2 between the machine and the foot. Then tighten the three set screws securely.
2. Then insert the **motor bracket** No. 1 between the machine and the rear foot (refer Fig. 6 to make sure offset of motor bracket is in correct relationship to machine). Place in the three set screws and securely tighten.
3. Return bandsaw to its vertical position and place the **electric motor** on the motor bracket securing it with the four set screws and washers No. 6. Set screws should be left loose to facilitate belt tensioning.
4. Place **motor pulley** No. 4 on motor shaft, then with a straight edge or similar, **align** the **drive** and **motor pulleys.** To do this, move the motor pulley on the motor shaft until it aligns with the drive pulley. Tighten the **motor pulley lock screw** No. 5.
5. Mount **belt guard bracket** No. 7 to the machine with set screws and washers No. 10—tighten securely.
6. Fit **A38 Vee belt** No. 13 in position on the pulleys and move motor to tension vee belt. Securely tighten motor set screws No. 6.
7. Place the **belt guard** No. 11 onto the studs No. 8 and fix the belt guard to the band saw with the two **belt guard knobs** No. 12.

NOTE:

Before running unit with the electric motor, revolve band wheels by hand to ensure that the power drive is not fouling.
Replace cover and 4 cover retaining knobs.
The electric motor is complete with an on/off switch and has a short length of flex with a 3-pin plug to suit 240 volt power.

Reassembly of Cabinet floor stand

(Fig. 7)

After removing the floor stand from its carton, you will find two **stand legs** No. 9 and bolts with washers and nuts (Nos. 6, 7, 8).
With **stand** inverted, attach the **stand legs** No. 9 using the bolts, washers and nuts (Nos. 6, 7, 8).
Check distance from the top of the stand to ensure that all four corner measurements are equal prior to final tightening of the stand legs to the stand.
If this is not carried out correctly, it could result in the stand being unstable.
With stand in upright position, affix your bandsaw to the stand using the set screws, washers and nuts (Nos. 10).

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RANGE OF
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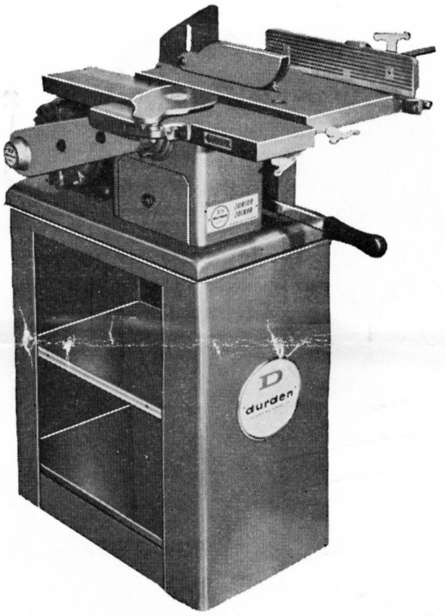
DURDEN

JUNIOR JOINER



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- **4½" (114 mm) PLANER**
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